



JAN 20 & 21, 2023
VIRTUAL EVENT

EMS CONFERENCE
GRAND JUNCTION, CO

18th Annual EMS Conference

presented by Professional EMS Education
The leader in EMS education for Western Colorado

18TH YEAR!

**It's A Virtual
Event!!**

**Conference
Dates**

Friday,

Jan 20th

&

Saturday,

Jan 21st

**Nationally
Recognized
Presenters!**

Professional EMS
Education
629 Hudson Bay Dr
Grand Junction, CO
81504

www.proemsedu.com

(970) 254-8135 office
(970) 242-8357 fax

Registrations

Please print legibly or type all information on the registration form. Submit only one form per attendee. Registrations cannot be shared. Registrations will **not** be accepted without accompanying payment information.

Register online! www.proemsedu.com under Upcoming Events! You can download your schedule at any time.

Cancellations

A full refund can be obtained if a cancellation is received no later than Sunday January 15, 2022, if a cancellation is submitted after Monday, January 16, 2023. No refund is issued. There are **NO** refunds for attendee no shows.

CE's

Professional EMS Education, LLC is an approved Colorado Training Group. You can earn approved CEU's for the classes attended at this conference. A total of 16 hours can be achieved if you attend all presentations over the two - day event.

Conference Format

The 2023 EMS Conference will be conducted in a virtual format. The program will be run on Zoom. All participants will get an email invitation for each day of the conference they are registered for.

You do not need to download any programs or apps for the meeting, just follow the link that will be sent; it will put you in a waiting room and we will admit you. (We have found that if you download the application the reception for the presentation tends to be a little better)

Attendance will be verified by signing into the chat box. This will be required for each attendee in order to receive CEU's for every class attended.

Cost

One day attendance will be \$45 / person

Full two - day conference will be \$80 / person

Thank You to our
Conference Sponsors:

Professional EMS Education

St, Mary's Hospital and Medical Center

Montrose Fire Department

Telluride Fire Protection District

Community Hospital

Grand Junction Fire Department

Family Health West

University of Colorado Health

Vendors: Stryker / Braun Northwest

Presenters

Peter M. Antevy, MD Pediatric Emergency Physician, Joe DiMaggio Childrens's Hospital, South Florida

Board-certified in pediatrics, emergency medicine and the complex subspecialty of EMS, he is also the founder and chief medical officer of *Handtevy - Pediatric Emergency Standards, Inc.*, and he serves as the Medical Director for Davie Fire-Rescue, Coral Springs-Parkland Fire Rescue, Southwest Ranches Fire Rescue and MCT Express, all in South Florida. Dr. Antevy also serves as Associate Medical Director for several other agencies including Palm Beach County, Florida and he is also the longstanding medical director for two highly-regarded paramedic training programs as well as several mobile integrated healthcare (MIHC) programs in greater Broward County, Florida. Dr. Antevy was recently appointed to serve as the lead pediatric EMS specialist/consultant for the highly-influential Metropolitan EMS Medical Directors Coalition. This highly-cohesive international consortium, known for envelope pushing education and operational advances in 9-1-1 care, is largely comprised of the jurisdictional, accountable medical directors of the 50 to 60 largest municipalities in the U.S. and Europe as well as several key U.S. federal agencies.

In turn, he has been the recipient of many regional, national and international honors and awards including the 2014 Raymond H. Alexander EMS Medical Director of the Year in Florida and the 2015 EMS 10 Innovator of the Year Award from the *Journal of Emergency Medical Services*. In 2017, he was awarded the prestigious *Ron J. Anderson Memorial Award* in Dallas, TX, the international public health service accolade bestowed for his far reaching public health contributions in emergency medical care, particularly for his efforts to improve outcomes for critically ill and injured children. In 2018, Peter was named National Medical Director of the Year by the NAEMT. At the same time, Dr. Antevy remains a grounded, in-the-trenches EMS medical director as exemplified by his recent intrepid on-scene patient care at the Parkland, Florida high school shooting incident and, in turn, his connected follow-up of patients, families and rescuers. A world-class lecturer and training expert, he has become an admired and sought-after educator-speaker for innumerable state and national conferences.

Richie Berndt, BAS, NRP, Paramedic Program Coordinator, University of Alaska – Fairbanks Community and Technical College

Dr. Crumm is fellowship trained and board certified in child abuse pediatrics and general pediatrics. She is also currently completing a fellowship in pediatric emergency medicine at University of Washington/Harborview Medical Center and Seattle Children's Hospital

Dr. Crumm works closely with pre-hospital providers to provide care for critically ill and injured children. She hopes to continue to educate all professionals involved in pediatric emergency care about recognition and management of child abuse, to help all children live healthy lives and reach their greatest potential.

John Dawson, NRP, Community Paramedic, Captain with Clifton Fire Protection District, Instructor for Professional EMS Education, Adjunct Faculty Colorado Mesa Paramedic Program

“JD” is a primary BLS, ACLS, PALS instructor as well as a Colorado EMS Primary Instructor. JD brings a wealth of knowledge and experience to his presentations.

Fidel O. Garcia, Paramedic, nationally recognized presenter, AHA training center coordinator, Owner Professional EMS Education, Grand Junction, CO. Fidel began his career in 1979 in Leadville, Colorado. He began teaching EMS education classes in 1983. Fidel has worked as a medic in prehospital EMS, a flight medic and hospital based EMS agencies. He has been presenting at local, state, regional, national EMS conferences and events for the last 26 years. Fidel is a frequent reviewer of EMS textbooks and is published in textbook and magazine for EMS

Dave Gilmore, MD, Medical Director for Professional EMS Education,

Dr. Gilmore is a former Academic Professor of Medicine in the Division of Clinical Pharmacology and Toxicology at the University of Colorado Health Sciences Center. American Heart Association former ECC Science Publications Editor, AHA Programs Education Committee, Regional Faculty, Course Director & International Training Officer. He is the current Medical Director for Professional EMS Education.

Presenters continued

Kelly Grayson, AGS, NRP is a Critical Care Paramedic with Acadian Ambulance in southwest Louisiana
Kelly has been an EMS Educator for twenty-eight years. He is the owner and founder of MEDIC Training Solutions, an EMS training and consulting firm. He is a passionate EMS advocate and a frequent EMS conference speaker, award-winning columnist for EMS1.com and EMS World Magazine, podcaster, and author of several books.

**Mike Helbock, M.I.C.P., NR-P, Division Chief, MSO-4 EMS Training, Seattle/King County Medic One (ret.)
Faculty – Seattle/King County Resuscitation Academy, Clinical Educator/Consultant – Prehospital Medicine**
Mr. Helbock currently holds a faculty position with the Seattle/King County Resuscitation Academy, specializing in the development and training of the HP-CPR program. Mike worked for 28 years as a Firefighter and Senior Paramedic for the City of Bellevue Fire Department (Washington), until his promotion to Division Chief of EMS Training and Education, Seattle/King County EMS, and his additional promotion to MSO-4, Senior Paramedic Supervisor for Seattle/King County Medic One. Mike completed Paramedic Training at Harborview Medical Center/University of Washington School of Medicine, Division of Emergency Medicine in Seattle, graduating with “first-in-class” honors.

Stephen J. Rahm, NRP, FcEHS, Chief Office of Clinical Direction, Co-Chair Centre for Emergency Health Sciences Healthcare Innovation and Sciences Centre
Stephen J. Rahm is a paramedic, educator, and author whose career in EMS spans more than 35 years. Chief Rahm currently oversees the Office of Clinical Direction at the Centre for Emergency Health Sciences and manages all clinical efforts within Bulverde Spring Branch Emergency Services. Stephen is a prolific author, with numerous prehospital emergency medicine, textbooks, videos, and articles published to his credit. Additionally, his research, efforts are published in the Annals of Emergency Medicine, Pediatric Emergency Care, Prehospital Emergency Care, and Military Medicine, as well as on multiple scientific posters. He is the Centre’s Co-Chair and is a respected faculty member in procedural and anatomical programs, multi-lead ECG interpretation, trauma care, cardiac arrest management, and more. Chief Rahm is a frequent speaker at local, regional, state, and national conferences, where he presents on a wide array of emergency medicine related topics.

Janet Taylor, RN,
After graduating from nursing school in 1998, Janet worked in various departments through the hospital gaining knowledge and experience in ICU, Obstetrics and ER. Janet has been a flight nurse since 2004 and now works full time for Golden Valley Memorial EMS as a nurse in a paramedic role. She enjoys teaching part time for EMS conferences across the country and for local paramedic programs. She also writes modules for various online forums and is regularly featured on EMS1. You can see where she will be heading next at www.emsteacher.com . You can also reach her at janettaylor6@icloud.com

Jessica J. Wall, MD, MPH, MSCE, NRP, FACEP, FAAP, Clinical Assistant Professor of Emergency Medicine and Pediatrics, Associate Pediatric Medical Director, Airlift Northwest
Dr. Wall is trained in both emergency medicine and pediatric emergency medicine. She cares for patients in the emergency departments at Harborview Medical Center and Seattle Children’s Hospital, and she serves at the Associate Pediatric Medical Director for Airlift Northwest. Through her work with the Department of Emergency Medicine Pediatric Care and Readiness Council, the Seattle Children’s Transport Team and Airlift Northwest she strives to improve the care of pediatric patients in community emergency departments and during transport.

PROFESSIONAL
EMS
EDUCATION

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CC01 John Dawson: Thinking Outside Of The Box

"It is well known that our patients do not read the textbook and do not know how they should present themselves and describe their problem. Our patients typically present with broad complaints, leaving providers the daunting task of narrowing down their symptoms to find the most likely cause of the problem. This lecture aims to reinforce the importance of differential diagnoses and expand on the potential causes of common symptoms, as well as provide some assessment pearls that will help providers to include or exclude various conditions when considering the cause of the patient's symptoms. Remember, good assessment skills fall within the scope of practice of all providers, making this discussion applicable to all levels!"

CC02 Caitlin Crumm, MD, MS: Non-Accidental Trauma for The Pre-Hospital Provider

Dr. Crumm will explain how to recognize and describe types of injuries worrisome for child abuse. Dr. Crumm will discuss appropriate next steps to manage a child with suspected NAT, when an injury is worrisome for child abuse is recognized. She will help everyone understand the EMS process to report and correctly manage hospital and CPS / Law Enforcement notification when noting identification of a worrisome injury

CC03 Peter Antevy, MD: Treating Kids Like Little Adults: A Paradigm Shift in Pediatrics

Have you ever wondered why pediatrics causes so much anxiety for pre-hospital providers? Why is it that even with years of experience pediatric resuscitation never seems to get any easier? The answer is based on scientific evidence that describes the brain's function during stress. Join Dr. Antevy for an enlightening talk that may finally convince the EMS profession to treat kids like little adults!

CC04 Peter Antevy, MD: Pediatric Traumatic Brain Injury: Avoiding the 3-H Bombs to Enhance Outcomes

Severe Traumatic Brain Injury (TBI) in pediatric patients causes tachycardia in adults because of the anxiety that comes with treating children. Join Dr. Antevy for an enlightening talk that reviews important data that may change your mindset by explaining the small details that make a big difference in outcomes.

CC05 Mike Helbock M.I.C.P., NR-P: Sick or Not Sick (Part 1)

The SICK/NOT SICK approach to rapid assessment, identifies two categories for all patients: SICK or NOT SICK. It helps you decide how initially to treat a patient, a decision that guides you throughout the entire call. SICK/NOT SICK also calls for quick decision-making and action. SICK/NOT SICK exposes the key indicators of physiologic stability that would otherwise take less-experienced EMS providers hundreds of calls to learn. It condenses years of clinical and field experience into a set of simple guidelines that you can incorporate into your current patient assessment technique. The ability to discriminate among important clinical indicators sets experienced EMS providers apart from novices. These indicators help answer the basic question that all providers must ask: "Could this person die within the next 5, 10 or even 20 minutes?"

CC06 Mike Helbock M.I.C.P., NR-P: Sick or Not Sick (Part 2)

The SICK/NOT SICK approach to rapid assessment, identifies two categories for all patients: SICK or NOT SICK. It helps you decide how initially to treat a patient, a decision that guides you throughout the entire call. SICK/NOT SICK also calls for quick decision-making and action. SICK/NOT SICK exposes the key indicators of physiologic stability that would otherwise take less-experienced EMS providers hundreds of calls to learn. It condenses years of clinical and field experience into a set of simple guidelines that you can incorporate into your current patient assessment technique. The ability to discriminate among important clinical indicators sets experienced EMS providers apart from novices. These indicators help answer the basic question that all providers must ask: "Could this person die within the next 5, 10 or even 20 minutes?"

CC07 Jessica J. Wall, MD: Pediatric Respiratory Emergencies: Don't Hold Your Breath

In this presentation we will cover common etiologies of pediatric respiratory distress, with a focus on recognizing upper airway disease, lower airway disease, lung tissue pathology and non-pulmonary etiologies. We will discuss management strategy based on history and exam in the field and when to consider intubation.

CC08 Dave Gilmore, MD: Toxicology Tidbits

Dr. Gilmore always has a great perspective on toxicology situations. Join Dr. Gilmore as he shares his insight and wealth of knowledge to handle patients who are in the setting of a toxic situation

Conference Presentation Descriptions Saturday, January 21

CC09 Janet Taylor: What To Expect When You're Expecting: High Risk OB Transport

Who doesn't LOVE a high-risk obstetric transport? No? Not surprising since they aren't a common call for most of us but yet we are expected to care for these patients as if we do it every day. We will review a pregnancy and delivery complications and how to do basic fetal monitoring in the field as well as recognize what that pile of fetal monitoring strips the sending OB nurse gives you are saying. Early decels, late decels, variability, VEAL CHOPS, HELLP Syndrome, and Hypertensive states in pregnancy will all be discussed as well as much more.

CC10 Janet Taylor: Special Delivery: Post-Partum Care in the 1st Hour

We've all had to take the obligatory childbirth class but what happens in the hour following delivery? What should we expect? The number of elective home births has surged since the beginning of the pandemic, and it doesn't show signs of slowing down. What should mom and baby be doing? Can mom get up and shower? What if the placenta doesn't deliver when it should? When SHOULD a placenta delivery occur?

CC11 Richie Berndt, NRP: The PQRST of 12 Lead ECG

We will discuss the purpose and advantages of obtaining 12 Lead ECGs. Discuss understanding polarity and how to critically analyze 12-Lead ECG complexes for abnormalities of ECG features of: ischemia, injury, infarction; chamber enlargement, bundle branch blocks, pericarditis, and electrolyte and drug effects.

CC12 Richie Berndt, NRP: EMS Cardiac Medications and Treatment of Cardiac Emergencies

We will discuss emergency cardiac medications used in the pre-hospital setting. Discuss understanding the "6 Rights" of medication administration, current guidelines for emergency cardiac medications, and answer the question we have ROSC now what?

CC13 Kelly Grayson, NRP: VADs and Pumps and Pacers, Oh My!

The Critical Care 101 series is intended to review critical concepts necessary to manage straightforward critical care patients. If you are a new or inexperienced critical care paramedic or nurse, or one with little formal training who is required to occasionally manage medically complex patients, this series is for you. Join Kelly Grayson as he discusses maintenance, monitoring and troubleshooting of cardiac assist devices.

CC14 Stephen Rahm, NRP: Heads Up: Traumatic Brain Injury (TBI)

Traumatic brain injury is a major cause of death and disability following trauma. Actions taken by the EMS provider have a direct impact on patient outcomes. It begins with a discussion of cerebral perfusion, the normal physiologic processes the body employs to maintain it, and how the body responds to increased intracranial pressure—knowledge that is crucial to understanding why some prehospital interventions are performed and why others are (and should be) avoided. Potentially disastrous effects of secondary brain injury, and how to minimize or avoid it, are discussed in detail. Specific injuries discussed include subdural and epidural hemorrhage (focal injuries), axonal injury (diffuse injury), and intracerebral hemorrhage; this includes clinical presentations, critical assessment parameters, and key emergency care procedures and interventions. We will also review the latest scientific literature regarding the use of TXA for the TBI patient, as well as the effects of hard cervical collars on intracranial pressure.

CC15 Stephen Rahm, NRP: Airway Management: The Anatomy, Physiology, and Procedure

Do you measure your success at airway management on whether you “get the tube,” or do you measure it by how well you keep the patient oxygenated and ventilated? The techniques to achieve effective oxygenation and ventilation vary—but the end game does not (and cannot).

This presentation begins with a review of key airway anatomy utilizing high-resolution cadaveric images. You will see exactly where your simple airway adjuncts and supraglottic airways—when properly placed—sit in the airway, perhaps giving you a better understanding of how they work and how effective they can be. Sure, we’ll discuss good intubation technique, but not before resetting the concepts of foundational airway management in our minds.

We will then review the physiology of ventilation to appreciate that breathing does more than just move air into and out of our lungs. You will then understand and appreciate why it’s healthier for patients to let them breathe on their own. Have you ever been ventilating a patient and totally trashed their blood pressure? After this discussion, you’ll understand why this happened, as well as how it could have been prevented. Bottom line: if you deliver a well oxygenated and ventilated patient to the emergency department, regardless of how you achieved it, your patient wins every time. On the other hand, if you deliver a hypoxemic, hypotensive patient...well, you can see where that train will go.

CC16 Fidel O. Garcia: A Deep Dive Into Pharmacology

“Better Living Through Pharmacology” As health care professionals we need to be at the top of our game when we have patients who are in need of high level care and require medication (s), whether we are a BLS or an ALS provider. It can be very hard to remember everything there is to know about a medication. It is our responsibility to know everything we can about medications for medical and legal aspects. Fidel will provide a very in depth explanation about the ACTIONS of several medications we use in our practice. The information will be useful to help you understand how they will work on the body which will allow us to understand and know the: CLASSIFICATION – ACTION - INDICATIONS – CONTRAINDICATIONS – SIDE EFFECTS. Join Fidel for a new perspective on the medications you use in practice.

THANK YOU TO ALL OF OUR SPONSORS



REGISTRATION FORM

Complete this form and mail with payment and or a copy of the purchase order to:
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Questions: Email lisa@proemsedu.com or call (970) 254-8135

Last Name:	First Name:
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Organization/Affiliation:	

Registration Fees

CONFERENCE	CONFERENCE FEES	Fees	
Friday Conference Fee	Friday ONLY	\$45	\$
Saturday Conference Fee	Saturday ONLY	\$45	\$
Friday & Saturday Conference Fee		\$80	
	Conference Fee	TOTAL	\$

Payment Information

_____ Enclosed is my check for \$ _____ Enclosed is my purchase order # _____ for \$ _____
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Personal Class Schedule

Last Name:	First Name:
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(Please print or type your name and return with your registration form)

CONFERENCE Friday, January 20 & Saturday January 21, 2023

TIMES		FRIDAY PRESENTATIONS	PRESENTERS
0830-0930	CC01 ○	Think Outside The Box (1 hr. At Risk Population)	John Dawson
0940-1040	CC02 ○	Non – Accidental Trauma (1 hr. At Risk Population)	Dr. Crumm
1050-1150	CC03 ○	Treating Kids Like Little Adults (1 hr Pediatric Cardiac Arrest)	Dr. Antevy
1200-1300	CC04 ○	Pediatric Traumatic Brain Injury (1 hr Research)	Dr. Antevy
LUNCH 1300 – 1340			
1340-1440	CC05 ○	Sick – Not Sick (Part 1) (1 hr. Field Triage)	Mike Helbock
1450-1550	CC06 ○	Sick – Not Sick (Part 2) (1 hr. Evidenced Based)	Mike Helbock
1600-1700	CC07 ○	Pediatric Respiratory Emergencies (1 hr Pediatric Transport)	Dr. Wall
1710-1810	CC08 ○	Toxicology Tidbits (1 hr. Toxicology)	Dr. Gilmore
		SATURDAY PRESENTATIONS	PRESENTERS
0830-0930	CC09 ○	High Risk OB Transport (1 hr. OB)	Janet Taylor
0940-1040	CC10 ○	Post Partum Care (1 hr. Special HC Needs)	Janet Taylor
1050-1150	CC11 ○	12 Lead ECG (1 hr. ACS)	Richie Berndt
1200-1300	CC12 ○	Treatment of Cardiac Emergencies (1 hr ACS)	Richie Berndt
LUNCH 1300 – 1340			
1340-1440	CC13 ○	VADs & Pumps & Pacers (1 hr. VADs)	Kelly Grayson
1450-1550	CC14 ○	Traumatic Brain Injury (1 hr. Trauma Triage)	Stephen Rahm
1600-1700	CC15 ○	Airway Management (1 hr. A – R - V)	Stephen Rahm
1710-1810	CC16 ○	A Deep Dive Into Pharmacology (1 hr. Medication Administration)	Fidel O. Garcia